

EVsmartSM

LIFE, FULLY CHARGED

June 2019



An Exelon Company



Introduction

PSC Order 88997 recognized that electric vehicle (EV) adoption is at an early stage and is framed to support the following:

Raise EV-owning customer awareness of their charging use and enable them through managed charging to lessen impacts on the local distribution grid.

Incent charger installations at Multi-unit properties (residential and non-residential) to increase charging access for residents, tenants and guests.

Provide public charging to support state, city and municipality efforts to meet their communities' EV needs.

Raise customer awareness of EVs, charging and how to manage energy usage energy costs through customer outreach.

- In addition, educate customers about charging availability to encourage EV adoption and increase the overall market for all stakeholders.



Order Overview

Infrastructure Investment:

- Residential Incentives for chargers that provide detailed use information, ability to manage charge and enhanced use measurement capabilities.
- Multifamily incentives for chargers installations that also provide detailed use information, ability to manage charge and enhanced use measurement capabilities.
- Utility owned and operated public charging network developed in partnership with our state, city and municipal customers to support their need for public charging in their communities.

Rates:

- Current Residential EV Whole House Time-of-use rate will continue as well as a new offer for an EV-only Time-of-use rate.
- Provide a limited bill credit to ease bill impacts from added charging load to demand-billed customers, allow time to understand use patterns and incorporate into facility load management.

Education & Outreach:

- Education, information and outreach support to raise customer awareness of EV's and managing their charging use and costs.



An Exelon Company



Residential EV Charging Incentives

Incentive:

- BGE's Residential customers are incentivized to choose and install advanced and controllable L2 Chargers at their residence.
- 1,000 BGE incentives for \$300 per advanced L2 charger including the cost of the Charging Station, Electrical Equipment, Electrical Installation, and Charger Installation.

Eligibility:

- Active or pending BGE Residential customer (account holder) who has installed and paid for an advanced L2 electric vehicle charger at their residence.
- Customer must purchase and install an eligible "smart" charger on or after July 1, 2019. All eligible charger models will be listed on BGE.com/ElectricVehicles
- Customers will submit rebate application on BGE.com/ElectricVehicles with attachment of proof of purchase and installation



An Exelon Company



Multifamily EV Charging Incentives

Incentive:

- BGE's Multifamily customers are incentivized to build EV Chargers at their multi residence or multi-tenant (MUD) sites.
- BGE's incentive covers up to 50% of the cost of the project, including the Charging Station, Electrical Equipment, Electrical Installation, and Charger Installation. Only applicable to charging for on-road vehicles.
 - Incentive capped at:
 - \$5,000 per L2 (208 / 240V) charger unit
 - \$15,000 per DC Fast Charge unit
 - Maximum award is \$25,000 per site

Eligibility:

- Active or pending BGE customer (account holder) who has installed and paid for an electric vehicle charger at Multifamily locations.
- Customer must purchase and install an eligible "smart" charger on or after July 1, 2019. All eligible charger models will be listed on BGE.com/ElectricVehicles.
- Customers will submit rebate application on BGE.com/ElectricVehicles with attachment of proof of purchase and installation.



An Exelon Company



Public EV Charging Network

BGE will build, own and operate a network of 500 EV charging stations across the BGE service area in partnership with State, county and local municipal government to provide public access EV charging.

- Eligibility and Stipulations:

- City, state and municipal governments can apply to BGE to consider BGE installing EV charging and offering the charging service.
- Applicant (municipality, state, agencies) must own, lease or occupy the proposed locations.
- Charging would be available to the public, and individual users would be charged for using the charging service.
- BGE owns and maintains all charging infrastructure. There is no cost to the government sites. Government must provide access to BGE equipment



Residential EV Only TOU Rate & Demand Charge Credit

- BGE will provide an EV Only TOU rate to residential customers with an eligible “smart” charger
- BGE will use charger data as revenue grade to bill EV charging on a TOU rate separate from the house consumption
 - No second meter
 - EV charging consumption will be subtracted from whole house metered consumption
 - Three rates will be displayed on the bill: EV on-peak charging, EV off-peak charging, net whole house metered usage
- BGE will offer a 30 month demand charge credit for 50% of the nameplate capacity of installed EVSE at Multifamily, workplace and fleet use cases.




An Exelon Company



EVsmart Webpage

The screenshot shows the BGE EVsmart website interface. At the top, there is a green navigation bar with the BGE logo (An Exelon Company) on the left and navigation links for Outage, Pay Bill, Moving, Contact Us, a search bar, and a Sign In button. Below this is a secondary navigation bar with links for My Account, Outages, Ways to Save, Smart Energy (highlighted), and Safety & Community. A left sidebar menu lists various services, with 'EV Savings & Benefits' selected and highlighted in green. The main content area features the heading 'EV Savings & Benefits' and a sub-menu with 'Savings Calculator' selected. The calculator's main message is 'Calculate your estimated monthly savings when you switch to electric.' Below this, it asks 'How far does \$2.95 drive your car?' and provides three radio button options for electricity rates: Standard Electric Rate (\$0.0986/kWh), EV TOU Rate Off-Peak (\$0.0701/kWh), and EV TOU Rate On-Peak (\$0.1543/kWh). A bar chart compares the range of a car on gas (24 miles) and electricity (92 miles), with a callout box stating 'EV gets you this many more miles for the price you pay for a gallon of gasoline. 68 mi'. At the bottom, there are input fields for local gasoline price/gallon (\$ 2.95), estimated MPG of gas vehicle (24), estimated kWh/mile for EV (0.33), and utility kWh rate* (\$ 0.0986). There are also dropdown menus for 'Model Year' and a 'RESET ALL' button.

EVsmart Webpage



[Outage](#) | [Pay Bill](#) | [Moving](#) | [Contact Us](#)
Sign In

My Account
Outages
Ways to Save
Smart Energy
Safety & Community

Home > Smart Energy: Innovation & Technology > Electric Vehicles > Find EVs & PHEVs

Find EVs & PEVs

EV Models
PHEV Models
Charger Models


Electric Vehicle Model Information

This list is intended to provide general information about electric vehicle models. These prices are only estimates, actual prices may vary significantly based on dealership, geographic location and vehicle option packages. This list may not include all available electric vehicle models and does not include hybrid electric vehicles (HEV) or plugin hybrid electric vehicles (PHEV). Please consult local dealerships and manufacturer websites for additional information.

YEAR
2018
2019
2020

MANUFACTURER	PRICE RANGE*	RANGE PER CHARGE	CHARGE TIME (240 V)	EFFICIENCY (KWH/MI)
All Brands	Lowest to Highest	Longest to Shortest	Sort by Charge Time	Sort by Efficiency
Sort Order	1 2 3 4	1 2 3 4	1 2 3 4	1 2 3 4

2019 Hyundai Kona Electric
 Estimated Price: **\$30,000 to \$40,000**
 Technology: EV
 City: **284.12** miles/charge
 Hwy: **226.02** miles/charge
 Combined: **258.00** miles/charge
 kWh Consumption/100 miles: **28.0000**
 Charge Time (240): **9.00** Hours
 Federal Tax Credit: **\$7,500**



source: Hyundai

Questions?

